

G 2388

(Pages : 2)

Reg. No.....

Name.....

**B.Ed. (CREDIT AND SEMESTER) DEGREE EXAMINATION, JULY 2018**

**Second Semester**

**EDU 204.18—PEDAGOGICAL DIMENSIONS OF NATURAL SCIENCE**

(2015 Admission onwards)

[Regular/Supplementary]

Time : Two Hours

Maximum : 50 Marks

**Part A**

*Answer all questions in one or two sentences.*

*Each question carries 1 mark.*

1. What is meant by scaffolding ?
2. Write the scoring indicators to evaluate a project .
3. What is meant by blue print in evaluation ?
4. Smart board is better than blackboard comment.
5. What is the difference between achievement test and diagnostic test ?
6. Differentiate formative and summative assessment .
7. What is meant by CCE ?
8. What are the merits of multiple choice test item ?
9. 'Grading system is better than marking system' Evaluate.
10. What is the difference between stem and options in a multiple choice test item.

(10 × 1 = 10 marks)

**Part B**

*Answer any five questions in about half a page.*

*Each question carries 2 marks.*

11. What is mean by social constructivism ?
12. Mention the steps of Blog creation.

15. Differentiate successive scanning and simultaneous scanning.
16. What is the difference between photosynthesis as a concept and Photo synthesis as a process ?  
(5 × 2 = 10 marks)

### Part C

*Answer any five questions in about one page.  
Each question carries 4 marks.*

17. How to prepare an e-question bank ?
18. How to create an effective tool for self assessment and how to implement it ?
19. Briefly explain the criteria for assessing seminars and projects in schools ?
20. What test will you conduct to identify a learning difficulty experienced by students ? How will you rectify it ?
21. Explain the scope and challenges of TPCK.
22. Explain the needs and significance of planning.
23. Briefly explain the challenges of web based learning in present Indian Scenario.  
(5 × 4 = 20 marks)

### Part D

*Answer any one questions in about four pages.  
Each question carries 10 marks.*

24. Write the steps involved in the construction of an achievement test with a suitable example.
25. What do you know about web-based learning ? What are the various techniques of it ? How can you plan a blog creation for VIII standard students for teaching biology ?  
(1 × 10 = 10 marks)